

KAS'YANOV, Mikhail Ivanovich

[Histology in medical jurisprudence] Ocherki sudebnomeditsinskoi
gistoologii. Moskva, Medgiz, 1954. 209 p.

(MIRA 14:2)

(MEDICAL JURISPRUDENCE)

(HISTOLOGY)

KAS'YANOV, Mikhail Ivanovich; VOLGAREVA, N.P., redaktor; ZAKHAROV, A.I.,
tekhnicheskij redaktor

[Medicolegal investigation in cases of sudden death] Sudebnomeditsinskaja
ekspertiza v sluchajakh skoropostizhenoi smerti. Moskva, Gos. izd-vo
med. lit-ry, 1956. 221 p. (MIRA 9:12)
(AUTOPSY)

ACCESSION NR: A14072685

8/0000/63/000/000/0236/0240

AUTHOR: Kas'yanov, M. I.; Mirolyubov, G. P.

TITLE: Effects of impact accelerations on internal organs

SOURCE: Konferentsiya po aviationskoy i kosmicheskoy meditsine, 1963.
Aviationskaya i kosmicheskaya meditsina (Aviation and space medicine); materialy konferentsii. Moscow, 1963, 236-240

TOPIC TAGS: impact acceleration, transverse acceleration, dog, rat, traumatic change, internal organ

ABSTRACT: Dogs and white rats were subjected to impact accelerations of 35 g, and 100--870 g, respectively. Accelerations were of the transverse type (back-chest), with the exception of three rats which were subjected to reverse accelerations (chest-back). Impact accelerations caused injury to organ tissues, local hemorrhages in organs, fatty embolism, and dystrophic changes in ganglial cells of the brain. Traumatic injuries of organs and local hemorrhages in them arose in definite areas depending on the direction and magnitude of impact acceleration. Reactive changes around areas of injury and local hemorrhages, as well as destruc-

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ACCESSION NR: AT4042685

ive changes in the lungs and kidneys require a certain time period for appearance and development. In all probability, destructive changes are trophic and appear to be related to the dystrophic changes in the central nervous system.

ASSOCIATION: none

SUBMITTED: 27Sep63

ENCL: 00

SUB CODE: LS

NO REF Sov: 000

OTHER: 000

Card 2/2

1. KAS'YANOV, M.V.
2. USSR (600)
4. Geology, Structural - Stalinogorsk Region
7. Geological structure of the Stalinogorsk-Don and Delilovo-Uzlovaya Districts (1940). (abstract) Izv. Glav. upr. geol. fon. no.2, 1947
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified

KAS'YANOV, M.V.

On petroleum and gas migration. Trudy Akad. neft. prom. no.2:
118-129 '55. (MLRA 8:5)
(Petroleum geology) (Gas, Natural--Geology)

KAZARINOV, V.P.; KAS'YANOV, M.V.; KOSYGIN, Yu.A.; POSPELOV, G.L.; SAKS, V.N.;
SOBOLEV, V.S.; SOKOLOV, B.S.; FOTIADI, E.E.; YANSHIN, A.L.

Academician Andrei Alekseevich Trofimuk; on his 50th birthday.
Geol. i geofiz. no.9:124-126 '61. (MIRA 14:11)
(Trofimuk, Andrei Alekseevich, 1911-)

GURARI, F.G.; KAZARINOV, V.P.; KAS'YANOV, M.V.; NESTEROV, I.I.;
ROSTOVTSOV, N.N.; ROVNIN, L.I.; RUDKEVICH, M.Ya.; TROFIMUK, A.A.;
ERV'YEV, Yu.G.; MIRONOV, Yu. K.

West Siberian Plain is a new oil and gas production center of
the U.S.S.R. Geol.i geofiz. no.10:3-15 '61. (MIRA 14:12)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki
i mineral'nogo syr'ya, Institut geologii i geofiziki Sibirskego
otdeleniya AN SSSR, Novosibirsk, Tyumenskoye territorial'noye
geologicheskoye upravleniye i Novosibirskoye territorial'noye
geologicheskoye upravleniye.
(West Siberian Plain—Petroleum geology)
(West Siberian—Gas, Natural)

KAS'YANOV, M.V.; YERMOLINA, M.N.

Basic problems relative to the method of testing wells in the West
Siberian Plain. Trudy SNIIGGIMS no.18:60-165 '61. (MIRA 16:7)
(West Siberian Plain--Oil wells--Testing)

LEBEDEV, I.V., otv.red.vypuska; KAS'YANOV, M.V., glavnnyy red.;
GURARI, F.G., zamestitel' glavnogo red.; AMSHINSKIY, N.N., red.;
ARUSTAMOV, A.A., red.; DERBIKOV, I.V., red.; KAZARINOV, V.P.,
red.; KALUGIN, A.S., red.; MALIKOV, B.N., red.; MIKUTSKIY, S.P.,
red.; ROSTOVTSEV, N.N., red.; SUKHOV, S.V., red.; TESLENKO, Yu.V.,
red.; UMANTSEV, D.F., red.; SAFRONOVA, I.M., tekhn.red.;
RAGINA, G.M., vedushchiy red.

[Biostratigraphy of Mesozoic and Tertiary sediments in Western
Siberia] Biostratigrafiia mezozoiskikh i tretichnykh otlozhenii
Zapadnoi Sibiri. Moskva, Gostoptekhizdat. Vol. 1. 1962. 590 p.
Vol. 2. [Atlas of paleontological plates and their explanations]
Atlas paleontologicheskikh tablits i ob"iasnenia k nim. 1962.
128 plates. (Its Trudy, no.22).

(MIRA 17:4)

AKUL'SHINA, Ye.P.; EGATOV, V.I.; GURARI, F.G.; Gurova, T.I.; DERBIKOV, I.V.;
YEGANOV, E.A.; KAZANSKIY, Yu.P.; KALUGIN, A.S.; KAS'YANOV, M.V.;
KOSOLOBOV, N.I.; KASYGIN, Yu.A.; MIKUTSKIY, S.P.; SAKS, V.N.;
TROFIMUK, A.A.; UMANTSEV, D.D.

Professor Vladimir Panteleimonovich Kazarinov; on his 50th birthday.
Geol. i geofiz. no.3:122-123 '62. (MIRA 15:7)
(Kazarinov, Vladimir Panteleimonovich, 1912-)

KAS'YANOV, N.M.; MURKIN, L.K.

Apparatus for studying elasto-viscous properties of disperse systems
with an automatic photographic recorder. Izv. vys. ucheb. zav.; nef't'
i gaz 2 no.8:115-118 '59. (MIRA 12:11)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im. akad. I.M. Gubkina.
(Viscosity) (Elasticity)

ZHIGACH, K.F.; KAS'YANOV, N.M.

Method for determining the η plast. and τ_0 of drilling fluids in
a rotary viscosimeter. Izv.vys.ucheb.zav.; neft' i gaz 2
no.12:99-107 '59. (MIRA 13:5)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
imeni akademika I.M. Gubkina.
(Oil well drilling fluids)
(Viscosimeter)

KAS'YANOV, N.M.; MUKHIN, L.K.

Viscosity of drilling fluids from petroleum. Izv.vys.ucheb.
zav.neft' i gaz 3 no.2:33-38 '60. (MIRA 13:6)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promy-
shlennosti im. akad. I.M.Gubkina.
(Oil well drilling fluids)

KAS'YANOV, N. M., Cand Tech Sci -- (diss) "Investigation of the rheological properties of new industrials liquids applied in boring. (For the example of solutions on a petroleum basis)." Moscow, 1960. 14 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Inst of Petrochemical and Gas Industry im I. M. Gubkin, All-Union Inst of Boring Technology); 200 copies; price not given; (KL, 25-60, 132)

KAS'YANOV, N.M.; MUKHIN, L.K.

Effect of temperature on the viscosity of oil-drilling fluids.
Izv. vys. ucheb. zav.; neft' i gaz 3 no.4:37-41 '60. (MIRA 15:6)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
imeni akademika I.M. Gubkina.
(oil well drilling fluids)

KAS'YANOV, N.N.

Planning in medical industry. Med. promyshl. SSSR no.6:9-15 Nov-Dec
1952.
(CML 23:4)

1. Planning and Finance Administration of the Ministry of Public Health
USSR.

KAS'YANOV, N.N.

Socialist competition at medical supply plants in Moscow. Med.prom.
12 no.4:3-5 Ap '58. (MIRA 11:5)
(MOSCOW--DRUG INDUSTRY)

1. KAS'YANOV, N. N.
2. USSR (600)
4. Drug Industry
7. Planning in pharmaceutical and medical supplies industry. Med. Prom. no. 6, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

KAS'YANOV, O.M., kand. arkhitekturi; IGNATKIN, I.O., red.; LISIENKO, F.K.,
red.

[City of the future] Misto maibutn'oho. Kyiv, Tovarystvo dlia
poshyrennia polit. i naukovykh znan' URSR, 1957. 37 p. (MIRA 11:7)
(City planning)

KAI. YANOV

ADRIANOV, P.K.; ANDRIANOV, S.M.; BEREZIKOV, B.S.; GOLOVKO, V.G. [Holovko, V.H.]; DOBROVOL'SKIY, A.V. [Doborovol's'kyi, A.V.]; DOVGAL', M.P. [Dovhal', M.F.]; YKLIZAROV, V.D. [Ielizarov, V.D.]; ZHIZDRIESKIY, V.M. [Zhyzdryns'kyi, V.M.]; ZVENIGORODSKIY, O.M. [Zvenigorods'kyi, O.M.]; ZAYCHENKO, R.M. [Zaichenko, R.M.]; IVANENKO, Ye.I. [Ivanenko, Ia.I.]; KOMAR, A.M.; KOSIYANOV, O.M.; KAZAKOV, O.I.; KOSRENKO, S.K.; KLIMENKO, T.A.; KIR'YAKOV, O.P.; KALISHUK, O.L.; LELICHENKO, M.T.; LEBEDICH, M.V.; MIKHAYLOV, V.O. [Mykhailov, V.O.]; MOROZ, I.I.; MOSHCHIL', V.Yu. [Moshchil', V.IU.]; NEPOROZHNIY, P.S. [Neporozhniy, P.S.]; NEZDATNIY, S.M. [Nezdatnyi, S.M.]; NOVIKOV, V.I.; POLEVOY, S.K. [Polevoi, S.K.]; PEREKHREST, M.S.; PUZIK, O.Ye. [Puzik, O.Ye.]; RADIN, K.S.; SLIVINSKIY, O.I. [Slivins'kyi, O.I.]; STANISLAVSKIY, A.I. [Stanislava'kyi, A.I.]; USPENSKIY, V.P. [Uspens'kyi, V.P.]; KHORKHOT, O.Ya.; KHILYUK, F.P.; TSAPENKO, M.P.; SHVETS, V.I.; MAL'CHEVSKIY, V. [Mal'cheva'kyi, V.], red.; ZELENKOVA, Ye. [Zelenkova, E.], tekhn.red.

[The Ukraine builds] Ukraina buduie. Kyiv, Derzh.vyd-vo lit-ry z budivnytstva i arkhit., 1957. 221 p. (MIRA 11:5)
(Ukraine--Construction industry)

KAS'YANOV, O.N.

PHASE I BOOK EXPLOITATION

Sov/5452

Donskoy, Ye. Ye., G.I. Kardash, and I.P. Lyslych, eds.
 Methodika i avtomatizatsiya stenok stroyob chto vnedrya mehanizatsii
 i avtomatizatsii na Khar'kovskikh mashinostroitel'nykh zavodakh (Mechanization
 and Automation on Articles on the Introduction of Mechanization
 and Automation in Khar'kov Machine-Building Plants) [Khar'kov]
 Khar'kovskoye knizhnoye izd-vo, 1960. 375 p. 3,900 copies printed.

Editorial Board: S.A. Vorobjev, Candidate of Technical Sciences; Chairman of
 the Khar'kov Machine-Building Plant; P.I. Zasetsky, Engineer; A.A. Katalov, Engineer;
 V.I. Kursakov, Engineer; A. Ye. Lomonosov, Doctor, A.I. Rupertov, Candidate of
 Technical Sciences; and S.M. El'manov, Candidate of Technical Sciences; Eds.:
 Ye. Ye. Donskoy, G.I. Kardash, and I.P. Lyslych; Tech. Ed.: M.I. Zelenovs.

PURPOSE: This collection of articles is intended for technical and scientific
 personnel, outstanding workers, and shop workers of communist labor.

CONTENTS: The multifaceted experience of Khar'kov enterprises in the mechaniza-
 tion, automation, and improvement of manufacturing processes is generalized.
 The development of new machines, instruments, and procurement methods is
 considered and attention is given to newly established enterprises, and to
 the introduction of telmechanics in the Khar'kov Gas-System Management, and to
 articles including concrete examples and facts, the authors of the various
 articles attempt to demonstrate the achievements of the various
 complex in fulfilling the resolutions of the June (1959) and July (1960)
 Plenums of the Central Committee of the Communist Party of the Soviet Union.
 No paracriticisms are mentioned. There are no references.

TABLE OF CONTENTS:

Chernichenko-Shchukin, I.A. [Corresponding Member of the Academy of Sciences
 of the USSR, Chief Designer of the Khar'kovskiy turbogenerator zavod --
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 at the Khar'kov Plant Izmeni Kirov] 79

Berezhin, S.I. [Chief Engineer of the Khar'kov Turbine Plant Izmeni
 Kirov], and V.A. Kostov [Deputy Chief Process Engineer]. Experience
 in Mechanization and Automation 101

Maydenov, V.M. [Chief Designer of the Khar'kovskiy elektromashinostroitel'nyy
 zavod -- Khar'kov Electromechanical Plant], and N.Ya. Politskii [Deputy
 Chief Plant Engineer]. Full Mechanization and Automation at the KEMC 117

Mechanization and Automation (cont.)

Zel'yanov, V.B. and M.G. Kachalov, [Engineers]; The Experimental
 Model Shop of the Khar'kovskiy podklyuchivayushchii zavod [Khar'kov Bearing
 Plant] 128

Stepanov, S.P. [Deputy Chief Designer of the Khar'kovskiy elektromashinostroitel'nyy
 Khar'kov Machine-Tool Plant], and I.T. Prantsev [Chief Designer]; --
 Automatic and Semiautomatic Grinding Machines 141

Mangots, V.A., and V.O. Korelenko [Engineers]. What is Accomplished
 at the "Elektrotorzak" Plant 176

Korobov, P.M. [Chief Engineer of the KEMZ]. Automatic [Production]
 Lines for Clamping Stator and Rotor Shells 181

Zil'ber, A.G. [Chief Process Engineer of the "Svet shchukino" Plant].
 For Mechanization in Coal Mining 197

Card 4/6

GRISHKO, Ya.A.; KAS'YANOV, O.N.; KOROLEV, F.K.

How to prevent the breakdown of drills and power packs.
Mashinostroitel' no.7:32-33 Jl '64. (MIRA 17:8)

KAS'YANOV, P.A.

Introducing the 5525 semiautomatic deburring and chamfering machine. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no.2:37-38 F '65.

(MIRA 18:5)

KAS'YANOV, P. I. (President of the Kolkhoz "Zavet Il'icha"), and CHEREMISKIN, P. A.
(Main Veterinary Surgeon of the Novo-Viatka Raion, Kirovsk Oblast').

"Role of the Veterinary Specialists in the Successful Achievements of the Kolkhoz".
Veterinarya, Vol. 37, No. 9, p. 27, 1960.

KAS'YANOV, P.I.; CHEREMISKIN, P.A.

Role of veterinary specialists in the successes of the collective farm. Veterinariia 37 no.9:27-30 S '60. (MIR 14:11)

1. Predsedatel' kolkhoza "Zavety Il'icha", Kirovskoy obl. (for Kas'yanov). 2. Glavnnyy veterinarnyy vrach Novo-Vyatskogo rayona, Kirovskoy oblasti (for Cheremiskin).
(Veterinarians)

KASYANOV, S.

Mechanize all links of production more fully (Despite plan for mechanization of ferrous metal industry manual labor still used in some processes), by S. Kasyanov, Chief of Mechanization Bureau of Ukraine Metals Institute.

Soviet Source: Pr. 19/2-550

Current Digest of the Soviet Press (in CIA Library), Vol. 3, No. 47, 1952, P. 37

KAS'YANOV, S. F.

33150 (L) *Experiments with various mechanical treatments on the basis of*
experience in metallurgical mechanics (ed.)
Opyt Vnedreniya Mekhanizatsii Na Osnove Obyazatel'nykh Minimumov. (Metallurg. Prom-st').
Mekhanizatsiya Trudoyemkikh I Tyazhelykh Rabot, 1949, No 10, c. 40-45

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

KAS'YANOV, S.F.

STOGOV, V.N., doktor tekhnicheskikh nauk, professor, redaktor; KAS'YANOV,
S.F., redaktor; ANDREYEV, S.P., tekhnicheskiy redaktor.

[Mechanization of loading and unloading in the metallurgical
industry; a collection of articles.] Nekhanizatsiya pogruzochno-
razgruzochnykh rabot na predpriyatiakh metallurgicheskoi pro-
myshlennosti; sbornik statei. Khar'kov, Gos.nauchno-tekhn.izd-vo
lit-ry po chernoi i tsvetnoi metallurgii, 1955. 215 p. (MLRA 8:11)
(Loading and unloading) (Metallurgy)

KAS'YANOV, S.P., inzhener; OVCHARENKO, A.I., inzhener

Mechanization of loading and unloading in metallurgical plants.
Mekh. trud. rab. 9 no.5:5-9 My '55. (MLRA 8:7)
(Loading and unloading)

137-58-4- 7043

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 106 (USSR)

AUTHOR: Kas'yanov, S. F.

TITLE: Mechanization of Adjustment Operations in Rolling Mills (Mechanizatsiya ad'yustazhnykh rabot v prokatnykh tsekhakh)

PERIODICAL: Tr. Nauchno- tekhn. o-va chernoy metallurgii, 1956, Vol 10, pp 244-255

ABSTRACT: The state of mechanization (M) of adjusting operations in the rolling shops (S) of the USSR is studied. Progressive experience in the M of cutting, laminating, leveling, grinding, quality control, and sorting of metal in section S, and also on the M of separation of welded sheets, turning, scribing, classifying of anneals, hardening, pickling, lubricating, and loading of sheets in sheet rolling S. The most practical methods of M are recommended.

1. Rolling mills--Mechanization 2. Mechanisms--Adjustment methods

D. Z.

Card 1/1

KAS'YANOV, S. F., inzhener; OVCHARENKO, A.I., inzhener; POLISHCHUK, F.Ya., inzhener.

Methods of improving the mechanization of work in metallurgical plants.
Mekh. trud. rab. 10 no. 4:8-13 Ap '56. (MIRA 9:7)
(Metallurgical plants)

KAS'YANOV, S.P.

ZETSEROV, Yakov Mikheylovich; KAS'YANOV, S.P., redaktor; VAGIN, A.A.,
redaktor izdatel'stva; EVENSON, I.M., tekhnicheskiy redaktor

[Comprehensive mechanization of plants manufacturing refractory
materials] Kompleksnaya mekhanizatsiya na ogneupornykh zavodakh.
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi
metallurgii, 1957. 312 p. (MLRA 10:9)
(Refractory materials)

~~KAS'YANOV, S.F., inzhener.~~

~~Mechanization of labor consuming operations in ferrous metallurgy.
Mekh. trud. rab. 11 no. 3:25-29 Mr '57. (MLRA 10:5)~~

~~1. Ukrainskiy institut metallov.
(Metallurgical plants--Equipment and supplies)~~

KAS'YANOV, S.F., inzh.

Mechanizing finishing processes in rolling mills. Mekh. trud. rab.
11 no.12:8-11 D '57. (MIRA 11:3)
(Rolling mills)

Kas'yanov, S.F.

AUTHOR: Kas'yanov, S.F.

133-6-33/33

TITLE: Investigations of the Ukrainian Institute of Metals.
(Issledovaniya Ukrainskogo instituta metallov).PERIODICAL: "Stal'" (Steel),¹⁷ 1957, No.6, pp.574-575 (USSR).

ABSTRACT: An outline of the work carried out by the Institute in 1956 is given.

A. Iron making. On the Enakiyevskiy Works the production of fluxed sinter (basicity 0.8) was introduced. This increased the output of furnaces by 6.9 - 7.8% and decreased coke rate by 11.5-15.6%. The output of the sinter plant decreased by 5.9% in comparison with the best results obtained during the production of ordinary sinter. The size of limestone used for the production of sinter - 100% below 3 mm and that of coke breeze 92-93% of 0-3 mm. Sinter bed is ignited at 1200-1300 C. On the Makeyevskiy Works of Kirov the production of low manganese iron was introduced. Slag basicity 1.28-1.32, magnesia content 6-7%, blast temperature - not lower than 800 C.

B. Steel making. In the open hearth melting shop of the "Azovstal'" Works a combined method of introducing oxygen in the bath and to flame was introduced on 9 furnaces. The use of ore briquettes or sinter of basicity 4.5-7.5 was

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Investigations of the Ukrainian Institute of Metals. (Cont.) tested. This resulted in shortening of heats by 40 min. and an increase of P_2O_5 in slag by 1.0-2.5%. Pretreatment of iron in ladle with oxygen and steam-oxygen mixtures. Using 5m³ of oxygen, 5 kg of steam and an addition to ladle of 15 kg/ton of ore and limestone, silicon content was decreased from 0.5 to 0.1% and manganese from 1.7 to 0.75%. The temperature of the metal increases during blowing by 20-30 C. Optimum parameters for ingot moulds (6-9 ton) were established. The number of types of blooming and sheet ingots and ingot moulds used in the Ukrainian Works can be decreased from 40 to 20. Some general recommendations on the improvement of the organisation of work on the Ukrainian works were made.

C. Rolling. A number of new economical profiles were developed (some details are given). On the basis of theoretical analysis, data from experimental rolling and correspondence with 15 Works and 26 Ministries and other organisations, a project of new standards for lightened beams, girders and some other profiles were prepared. The transfer to lightened profiles can produce an economy in steel (beams - 13.4%, girders 10.5%).

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133-6-33/33

Investigations of the Ukrainian Institute of Metals. (Cont.)

D. Improvement of properties of metal used for transport.
The Institute cooperated with the "Azovstal'" Works in establishing the production of rails P-65 and in investigating a number of basic problems (with the Andreyev and Novo Tagil'skiy Works) in the production of railway wheel rims from carbon steel for locomotives, wagons, etc. In the search for a rational composition of rail steel a number of experimental melts in a high frequency furnace producing steels alloyed with manganese and chromium (up to 3%), chromium and manganese and chromium, manganese and silicon were carried out. For each alloying version the content of carbon was: 0.50, 0.65 and 0.80%. Some groups of melts were additionally alloyed with vanadium (0.10-0.25%) and titanium (0.08-0.15%). The types of steels developed had high characteristics for static, dynamic and fatigue strength. Industrial experimental melts were carried out in a 40 ton open hearth furnace (steels: 60F2, 40X3, 55X1 and 65XFC) and a Bessemer converter (steels 60F2 and 40XN) in the Dzerzhinskiy Works. Ingots (4.3 t) were rolled into rails P42 (Dzerzhinskiy Works) and P50 (Azovstal'). Rails with the best properties were obtained from open hearth steel containing 3%

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133-6-33/33

Investigations of the Ukrainian Institute of Metals. (Cont.) of Cr. Rails were tested on tracks and some of the results obtained are given. Projects of standards for railway wheel rims were based on data on chemical composition and mechanical properties of rims produced by the Taganrovskiy and Novo-Tagil'skiy Works, as well as on the results of studies of maximum possible increase of strength characteristics of railway rims from steel containing 0.50 - 0.60% C and the influence of straightening of rims on cold with subsequent heating to 200-300 C on the impact strength of rims.

E. Methods of investigating the quality of metal. An investigation of non-metallic inclusions isolated from As containing metal using luminescence, petrographic and microchemical methods was carried out. It was found that silicates, glasses, spinels and other oxide inclusions do not contain arsenical compounds. Individual inclusions of arsenous sulphide were not found. A small amount of very fine inclusions containing arsenic situated in two-phase crystals of mixed iron and manganese sulphides was found. Due to a high degree of dispersion of these inclusions in the metal, their chemical composition was not established. In the metal from experimental melts containing an increased

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Investigations of the Ukrainian Institute of Metals. (Cont.)
proportion of As, the presence of intermetallic inclusions of As of the type of iron arsenide was established. However, the total amount of the finest arsenic containing inclusions situated in crystals of iron and manganese sulphides as well as intermetallic inclusions of iron arsenide is so small that they apparently cannot have any practical influence on the quality of the metal. For the determination of unstable and stable inclusions in rimming steels the anode-iodic method was found to be most suitable. If the conditions of temperature and duration of the decomposition processes of carbides and sulphides with iodine are accurately maintained, the method gives results for the calculated amount of oxygen similar to that determined by the vacuo-fusion method.

AVAILABLE: Library of Congress
Card 5/5

POLISHCHUK, Froim Yakovlevich; KAS'YANOV, S.Y., otv.red.; BELINA, R.A.,
red.izd-va; ANDREYEV, S.Y., tekhn.red.

[Load gripping devices in metallurgy; from plant practices]
Gruzozakhvatnye prispособleniya v metallurgii; iz opyta zavodov.
Khar'kov, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi
metallurgii, 1959. 109 p. (MIRA 13:3)
(Metallurgical plants--Equipment and supplies)

KAS'YANOV, S. F.

1951, 55(5) PLATE I 5000 EXPONENTS 807/2574
 1974. "Kontrol' monitorovaniya i upravleniya sverlal'nymi
 protsessami" sredstvami 4. (Technologiya na sverlal'nymi protsessami
 ch. 1-3) (Introduction of New Techniques and Technology
 in Utilization Metallurgical Plants) Collection of Articles, Vol. 3) Syria,
 Dnibrodyrevan Dnibro, 1974. 100 p. 1,000 copies printed.

Author: M. N. Afanasyev. Transl. M. I. P. Pechal'nik.
 SUBJECT: The book is intended for metallurgists employed in mining and
 smelting operations.

CONTENTS: This is a collection of 11 chapters articles, compiled by 22
 authors, some of whom are referred to as eminent specialists. The subjects
 dealt with in the articles are the use of limestone-flamed gas in smelting pro-
 cesses, use of blast-furnace gas under increased pressure, use of oxygen in
 smelting, use of open-hearth and Bessemer furnaces, description of a new
 method of "laminated" smelting of silica in blast-furnace mills. Some details
 are given, with direct reference to several plants and certain operational
 processes are also indicated. Introduction of full mechanization of smel-
 ling processes at steel-mills is taking place. Numerous diagrams accompany
 the text. Some articles have bibliographies, mostly Soviet.

Introduction of New Techniques (Cont.)
 Author: M. N. Afanasyev. Introduction of Mechanization and Automation in
 Utilization Metallurgical Plants
 Collection of Articles. Ministry of Congress. 1953

80/2574
 252

CONT. 4/2

S/118/61/000/002/004/007
A161/A126

AUTHOR: Kas'yanov, S.F., Engineer

TITLE: Mechanization and automation practice in iron and steel works

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 2, 1961, 32-35

TEXT: The Ukrainskiy nauchno-issledovatel'skiy institut metallov (Ukrainian Scientific Research Institute of Metals) inspected many technical novelties introduced in some iron and steel works all over the USSR. The article presents a listing of the novelties with brief descriptions without giving technical details. The plants mentioned include the Ukrainian "Zaporozhstal'", "Azovstal'", im. Il'yich, im. Dzerzhinskiy, as well as the Chelyabinsk, Nizhniy Tagil, Kuznetsk plants, and others. It is mentioned that about 300 new machines and devices worth mentioning had been seen in the rolling shops of only 14 plants. These include remote control of the soaking pit covers from cranes (at the Magnitogorsk blooming mill); radio communication between crane operators and welders at soaking pits (Krivoy Rog); automatic heating process in soaking pits (Makeyevka works), with a central control board for all ten soaking pit groups;

Card 1/2

Mechanization ...

S/118/61/000/002/004/007
A161/A126

automatic control of the front and rear roll tables, main drive and screwdowns, and semi-automatic control of ingot bogies; TV in rolling mills; various sheet metal handling devices. There are 5 photographs.

Card 2/2

KAS'YANOV, Sergey Fedorovich; ZAGAL'SKIY, L.N., red.; SAL'NIKOV, A.P., red.izd-va; BEKKER, O.G., tekhn. red.

[Mechanization and automatic control in ferrous metallurgy]
Mekhanizatsiya i avtomatizatsiya v chernoi metallurgii. Mo-
skva, Metallurgizdat, 1963. 351 p. (MIRA 16:10)
(Iron and steel plants--Equipment and supplies)
(Automatic control)

KAS'YANOV, T.D., zamestitel' nachal'nika.

Correct employment and training of young specialists. Der. i lesokhim. prom.
2 no.8:20 Ag '53. (MLRA 6:7)

1. Upravleniye kadrov Ministerstva lesnoy i bumazhnoy promyshlennosti.
(Woodworking industry)

KAS'YANOV, T.D., ^{Сергей} zamestritel' nachal'nika.

Proper use of young specialists. Bum.prom. 28 no.8:26 Ag '53. (MLRa 6:7)

1. ^{Admi} ^{Бумаги} Upravleniye rukovodyareshchikh kadrov Ministerstva lesnoy i bumazhnoy
promyshlennosti SSSR. ^{ДЛ}
(Paper industry)

KAS'YANOV, V.; VASOYUKHNOV, S.

"Safe operation of 'tower cranes' by I.IA.Kogan. Reviewed by
V.Kas'ianov, S.Vasiukhnov. Bezop.truda v prom. 6 no.4:35-36
Ap '62. (MIRA 15:5)

1. Nachal'nik otdela kotlonadzora upravleniya Nizhnevolzhskogo
okruga Gosudarstvennogo komiteta pri Sovete Ministrov RSFSR po
nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu
nadzoru (for Kas'yanov). 2. Starshiy inzhener-kontroler
kotlonadzora upravleniya Nizhnevolzhskogo okruga Gosudarstvennogo
komiteta pri Sovete Ministrov RSFSR po nadzoru za bezopasnym
vedeniyem rabot v promyshlennosti i gornomu nadzoru (for Vasyukhnov),
(Cranes, derricks, etc.--Safety regulations)
(Kogan, I.IA.)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721110007-2

SOURCE: *Internal documents*

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721110007-2"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721110007-2

in the ground state, and that the interaction between the charge and the quantized field can be described in the dipole approximation. A diagram technique is developed which makes it possible to

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CIA-RDP86-00513R000721110007-2"

orders of magnitude smaller than the radiation from the electron. If the electron scattering cross section is much larger than

REF ID: A6513

KAS'YANOV, V.; STAROSTIN, A.

Theory of bremsstrahlung of slow electrons on atoms. Zhur. ekspl. i teor. fiz. 48 no.1:295-302 Ja '65. (MIFI 18:4)

I. Moskovskiy energeticheskiy institut.

KAS'YANOV, V.A. [Kas'ianov, V.O.]; USHAKOV, V.V.

Equations describing average turbulent motion for laminar
electrohydrodynamic flow. Dop. AN UkrSSR no.11:1448-1451 '64.
(MIRA 18:1)

1. Kiyevskiy institut Grazhdanskogo vozdushnogo flota.
Predstavлено академиком AN UkrSSR I.T. Shvetsom [Shvets', I.T.].

KAS'YANOV, V.A., inzh.

Device for end switches of travel mechanisms of electric tower
cranes. Bezop. truda y prom. 4 no.2:29-30 F '60.
(MIRA 13:5)

1. Upravleniye Nizhne-Volzhskogo okruga Gosgortekhnadzora
RSFSR.
(Cranes, derricks, etc.)

KAS'YANOV, V.A.; STUKALKIN, A.N.

Results of testing a P-7 pantograph. Sbor. nauch. trud. ElNII 3:
214-217 '63. (MIRA 17:4)

"APPROVED FOR RELEASE: 06/13/2000

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APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721110007-2"

L 33408-66 EWP(m)/EWP(k)/EWT(l) WW

ACC NR: APG015307

(A, N)

SOURCE CODE: UR/0057/66/036/005/0860/0867

AUTHOR: Mkhitarian, A. M.; Kas'yanov, V. A.

95
B

ORG: Kiev Institute of Civil Aviation (Kiyevskiy institut grazhdanskoy aviatsii)

TITLE: Laminar electrohydrodynamic flow in a plane exit cone with barodiffusion of space charge taken into account

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 5, 1966, 860-867

TOPIC TAGS: electrohydrodynamics, electrohydraulic effect, electric field, space charge, diffusion, dielectric material, nozzle flow

ABSTRACT: The author employs a method developed by S.M.Targ (Osnovnyye zadachi teorii laminarnykh techeniy, Gostekhizdat, 1951) to calculate the two-dimensional electrohydrodynamic flow in a plane exit cone. It is believed that the results may be of assistance in evaluating the possibilities of the electrohydrodynamic technique for influencing the flow of liquid and gaseous dielectrics. Among the simplifying assumptions employed in the calculations are the following: the vertex angle of the exit cone is small; the electrical Reynolds number is small; the azimuthal component of the electric current vanishes; the component of the radical electric current due to the space charge field is small compared with that due to the external radial electric field; and the plane dielectric walls of the exit cone are neither charged nor polarized. The flowing medium is assumed to carry a space charge. The electrohydro-

Card 1/2

L 33408-66
ACC NR: AP6015307

dynamic equations of motion are derived under these assumptions with barodiffusion taken into account. These equations are linearized by the technique of Targ (loc.cit) and approximate solutions of them are obtained. Formulas for the total pressure drop and the position at which the flow breaks from the wall of the exit cone are given in terms of the total flux and other parameters of the problem. Velocity profiles are presented graphically for two specific cases. Orig. art. has: 44 formulas and 3 figures.

SUB CODE: 20/

SUBM DATE: 14Jan65/

ORIG REF: 001/

01H REF: 001

Card 2/2 JS

KAS'YANOV, V.L.; SOLOGUB, M.I.

Microelectrode study of intracellular potentials of the unfertilized egg cell in *Rana temporaria*. Vest. LGU 20 no.9:5-12 '55.
(MIRA 18:6)

KAS'YANOV, V.M.

ORBELI, L.A., redaktor; RAZENKOV, I.P., redaktor; ANOKHIN, P.K., redaktor
KEKCHEYEV, K.KH., redaktor; KAS'YANOV, V.M., redaktor; MUZYKANTOV,
V.A., redaktor; KIREANOVA, N.I., tekhnicheskiy redaktor.

[Joint session commemorating the tenth anniversary of the death
of I.P. Pavlov. Proceedings.] Ob"edinennaya sessiya, posviashchen-
naya desiatiletiju so dnia smerti I.P. Pavlova. Trudy; redaktsion-
naya kollegiya: L.A. Orbeli [i dr.]; sekretari redaktsionnoi
kollegii V.M. Kas'yakov i B.A. Muzykantov. Moskva, Izd-vo Akademii
meditsinskikh nauk, 1948. 326 p. (MLRA 8:8)
(Psychology, Physiological)

KAS'YANOV, V. N.

32728. "I. P. Pavlov"— koricey nauki. Novosti meditsiny, vyp. 14, 1949, s.
3-12

SO: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949

KAS'YANOV, V.M.; FRUKTOV, A.L.

Effect of forces of auditory signal on the rate of motor functions
in man. *Fiziol. zh. SSSR* 38 no.6:681-688 Nov-Dec 1952. (CIML 23:4)

1. Department of Physiology and Department of Light Athletics of
the State Central Order of Lenin Institute of Physical Culture imeni
I. V. Stalin, Moscow.

KAS'YANOV, Vasiliy Matveyevich, professor; BENTUMOV, O.N., redaktor;
DMITRIYEV, R.V., tekhnicheskij redaktor.

[I.P.Pavlov's teaching regarding higher nervous activity is a very important basis for the scientific, atheistic philosophy]
Uchenie I.P.Pavlova o vysshei nervnoi deiatel'nosti-vazhnaishaia osnova nauchno-ateisticheskogo mirovozzreniya. Moskva, Izd-vo "Znanie," 1955. 30 p. (Vsesciunssce obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii. Ser.3, no.21) (MLRA 8:9)
(Nervous system)

KAS'YANOV, V., professor; IVANOV, V., professor

On Prof. V. I. Sukharev's book, "Physical therapy and health resorts
therapy of skin diseases." Vest.ven. i derm. no.2:57-58 Mr-Ap '55.
(MLRA 8:5)

(SKIN -- DISEASES)
(THERAPEUTICS, PHYSIOLOGICAL)

KAS'YANOV, V.M. professor

2

Role of the trophic function of the nervous system in muscular activity
in man. Teor. i prakt. fiz. kult. 18 no.10:727-735 '55. (MLRA 9:1)

(NERVOUS SYSTEM,

trophic funct. in musc. activity in man)

(MUSCLES, physiology,

trophic funct. of nervous system in musc. activity in man)

KAS'YANOV, V.M.

Relation of unconditioned reflex modifications to conditioned reflex activity. Fiziol. zhur. 41 no.3:321-325 My-Je '55.
(MLRA 8:8)

1. Kafedra fisiologii Gosudarstvennogo Pedagogicheskogo
instituta im. V.I. Lenina, Moskva.
(REFLEX, CONDITIONED,
off. on unconditioned reactions)
(REFLEX,
unconditioned, off. of conditioned reflex)

"APPROVED FOR RELEASE: 06/13/2000

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APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721110007-2"

KAS'YANOV, V.M.; GUMENOV, P.I.

Compensation mechanisms in developing working movements of artificial fingers formed from a human forearm stump. Uch.zap. MGPI 84:53-70 '55.
(MIRA 9:11)

1. Iz kafedry fiziologii Moskovskogo gosudarstvennogo pedagogicheskogo instituta imeni V.I.Lenina, zav. kafedroy prof. V.M.Kas'yanov.
(ARTIFICIAL LIMBS) (AMPUTATION STUMP)
(CONDITIONED RESPONSE)

KAS'YANOV, V.M.; GUMENEE, P.I.

Role of the visual analyzer in compensatory processes in man following
the operation of splitting the forearm. Uch.zap.MGPI 84:71-83 '55.
(MLRA 9:11)

1. Iz kafedry fiziologii Moskovskogo gosudarstvennogo pedagogicheskogo
instituta imeni V.I.Lenina, zav. kafedroy prof. V.M.Kas'yanov.
(ARM--SURGERY) (CONDITIONED RESPONSE) (SIGHT)

KAS'YANOV, V.M.; GUMENOV, P.I.

Role of the motor analysor at various stages of compensation following surgery for splitting the forearm. Uch.zap.MGPI 84:85-93 '55.

(MLRA 9:11)

1. Iz kafedry fiziologii pedagogicheskogo instituta imeni V.I.Lenina, zav. kafedroy prof. V.M.Kas'yanov.

(AMPUTATION STUMPS--INNERVATION)

EXCERPTA MEDICA Sec.2 Vol.10/6 Phy.Biochem. June 57

2615. KASSIANOV V. M. Dept. of Physiol., V. I. Lenin Paedagog. Inst., Moscow.
Interaction between central and peripheral factors of nervous activity in heterogenous anastomoses (Russian text) FIZIOL. Z. 1956, 42/12 (1038-1045) Illus. 6

The phrenic nerve of dogs under morphine-ether anaesthesia was sectioned. Its central end was sutured to the peripheral stump of the cubital nerve sectioned at a high level. Sutures were placed through the Schwann tube, without damaging any nerve fibres. It was found, that under these conditions the phrenic nerve regenerates at a rate of about 3-4 mm. a day. It conducts impulses from its centre to its new peripheral organ, i.e. to striated muscles innervated by the cubital nerve in the intact dog. A functional connection is thus established between centres of the phrenic nerve and muscles of the fore-leg. They respond to efferent impulses by rhythmical contractions, synchronous with respiration (the muscle 'breathes'). No functional adjustments take place in the centres of the phrenic nerve, due to the absence of any peripheral controlling influence on the afferent side. Some of the functional conditions determining nervous activity of the heterogenous anastomosis were studied by recording action currents at different levels of the regenerated nerve. Stimulation at frequencies from 90-100 impulses per sec. evoke the 'respiratory' contractions of the muscle. Frequency transformation takes place at peripheral levels. There is evidence of some selection of optimal impulse frequencies by different elements of the muscle. Even after 2 years' control by

2615 *CONT.*

the phrenic nerve, the striated muscle still retains some of its intrinsic properties, e.g. tetanic contractility!
Simonson - Minneapolis, Minn.

MINAYEV, Pavel Fedorovich; KAS'YANOV, V.M., prof., otv. red.;
GARIAN, B.V., red. izd-va; BENEYUMOV, O.M., red. izd-va;
DOROKHINA, I., tekhn. red.; POLENOVA, T., tekhn. red.

[Effect of ionizing irradiation on the central nervous system]
Vliyanie ioniziruiushchikh izluchenii na tsentral'nuiu nervnuiu
sistemu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 129 p.
(MIRA 16:1)

(RADIATION—PHYSIOLOGICAL EFFECT) (NERVOUS SYSTEM)

L 01097-67

ACC NR: AP6026337

(N)

SOURCE CODE: UR/0308/66/000/005/0036/0037

AUTHOR: Lubenov, R. (Candidate of technical sciences, Lecturer, Department head);
Kas'yanov, V. (Aspirant)28
BORG: Waterways and Ports Department, OIIMF (Kafedra "Vodnyye puti i porty" OIIMF)

TITLE: Improving efficiency in the utilization of gravitational docking facilities

SOURCE: Morskoy flot, no. 5, 1966, 36-37

TOPIC TAGS: marine engineering, stress analysis, marine equipment, HARBOR FACILITY

ABSTRACT: Improved methods of calculation are used to show how gravitational docking facilities may be more effectively used. A formula is derived for the contact stresses generated in the dock by a uniformly distributed useful load which agrees satisfactorily with experimental data for most gravitational docking facilities. A theoretical analysis of the stress diagram for active pressure gives a formula for the effective zone of a temporary load as a function of the angle of internal friction. It is pointed out that the present standards for use of docking facilities have rigid restrictions on the loading zone with no consideration to variations in the structural characteristics and operational requirements of individual facilities. In particular, no consideration is given to the characteristics and arrangement of the contact edge, the height of the structure, the physical and mechanical properties of the underlying

UDC: 627.343/344.004.1

Card 1/2

L 01097-67

ACC NR: AP6026337

foundation and other factors in establishing the zones of operational loading for gravitational docking facilities. These standards should be corrected for more effective use of docking facilities. An expression is given in the two-dimensional approximation for the optimum level of operational use of docking facilities in terms of the active pressure from a uniformly distributed load. The results of this paper may be used in formulating standards for new dock facilities and for periodic adjustment of the operational data for existing facilities. Origrt. has: 2 figures, 4 formulas.

SUB CODE: 13/ SUBM DATE: None

Card 2/2

vlr

BORISOV, R. N.; BAIYAKOV, V. N.

Individual characteristics of higher nervous activity in
school-age twins. Zhur. vys. nerv. deiat. 14 no. 3:436-442
By-Je '64. (MERA 17:11)

1. Institute of Nutrition, U.S.S.R. Academy of Medical Sciences,
Moscow.

KAS'YANOV, V.M., kandidat tekhnicheskikh nauk

Effect of centrifugal forces on turbulence. Trudy MNI no.13:
145-151 '53.
(Turbulence) (Centrifugal force)

(MLRA 8:6)

Kasyanov, V. M.
BELOUSOV, V.D.; KAS'YANOV, V.M.

Calculation of main gas pipelines. Trudy MNI no.13:202-213 '53.
(Gas, Natural--Pipelines) (MLRA 8:6)

SHISHCHENKO, R.I.; KAS'YANOV, V.M., kandidat tekhnicheskikh nauk, dotsent,
ratsenzent; CHICHKOV, L.G., inzhener, retsenzent.

[Petroleum producing machinery and mechanisms] Neftepromyslovye
eksploatatsionnye mashiny i mekhanizmy. Moskva, Gos. nauchno-tekhn.
izd-vo neftianoi i gorno-toplivnoi lit-ry, 1954. 343 p. (MLRA 7:8)
(Petroleum industry--Equipment and supplies)

AID P - 1342

Subject : USSR/Engineering

Card 1/1 Pub. 78 - 5/30

Author : Kas'yanov, V. M. and Vtyurin, A. I.

Title : Starting-stress calculation of sleeve couplings
used for well casings.

Periodical : Neft. khoz., v.32, #12, 15-16, D 1954

Abstract : The authors comment on V. I. Tarasevich's article
published in this magazine, April 1953, concerning
the use of F. I. Yakovlev's formula for the
determination of the "starting stress" in the
thread of sleeve couplings. Two drawings.

Institution: None

Submitted : No date

KAS'YANOV, V. M.

AID P - 495

Subject : USSR/Engineering

Card 1/1 Pub. 78 - 9/27

Author : Kas'yanov, V. M.

Title : Supplementary counterbalancing of rocking beams according to the actual loads of the polished pump rod.

Periodical : Neft. Khoz., v. 32, #6, 34-36, Ju 1954

Abstract : The author offers an equation for calculating the approximate counterbalancing of the rocking beam on the basis of maximum load and equality of work of both halves of the pump cycle. The equation is illustrated with numerical examples. One diagram and 3 Russian references (1946-1951).

Institution : None

Submitted : No date

KAS'YANOV, V. M.

KAS'YANOV, V. M.

Kinematics of a cone rock bit operating on a smooth bottom surface.
Trudy MNI no.14:264-280 '55. (MIRA 8:11)
(Boring)

KAS'YANOV, V.M.

Graphic method for selecting intermediate speeds of draw
works or hoisting blocks. Izv.vys.ucheb.zav.; neft' i gaz
1 no.10:103-106 '58. (MIRA 12:4)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlen-
nosti imeni akademika I.M.Gubkina.
(Hoisting machinery)

KAS'YANOV, Veniamin Mikhaylovich; SIMONYANTS, L.Ye., dotsent, retsenzent;
PETROVA, Ye.A., ved.red.; FEDOTOVA, I.G., tekhn.red.

[Turbodrills] Turbobury. Moskva, Gos. nauchno-tekhn. izd-vo
neft. i gorno-toplivnoi lit-ry, 1959. 114 p. (MIRA 12:2)
(Turbodrills)

KAS'YANOV, V.M., elektromekhanik

Overhead communication lines should receive more attention.
Avtom., telem. i sviaz' 4 no. 12:30 D '60. (MIRA 14:1)

1. Atbasarskaya distantsiya signalizatsii i svyazi Kazakhskoy
dorogi.
(Electric lines--Overhead)

KASUM-ZADE, D.S. (Baku); KULIYEV, S.M. (Baku); SHISHCHEMKO, R.I. (Krasnodar);
SIDOROV, N.A. (Krasnodar); SHASHIN, V.D. (Kazan'); KASLYANOV, V.M.,
(Moskva); GUBENKO, T.P. (L'vov)

Well bottom automatic device for turbodrilling; comments on A.A.
Minin's article published in "Neftianoe khozaiatvo," no.10 1959.
Neft.khoz. '38 no.2:19-22 F '60. (MIRA 13:8)
(Turbodrills)

KAS'YANOV, V.M.

Basic theory of Engineer K.V. Fedotov's pump. Trudy
MINKhGP no.34:128-156 '61. (MIRA 14:12)
(Oil well pumps)

VOROPAY, P.I.; ZHUKOV, G.V.; KAS'YANOV, V.M.

Cooling of air piston compressors by injecting water at the
inlet. Mash. i neft. obor. no.6:11-18 '63. (MIRA 17:8)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im. I.M. Gubkina.

VOROPAY, P.I.; ZHUKOV, G.V.; KAS'YANOV, V.M.; SHARPILO, I.G.

Air cooling in piston compressors by feeding water to an air flow.
Mash. i neft. obor. no.7:30-33 '63. (MIRA 17:1)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im.
akademika Gubkina i Upravleniye "Krasnodarneft".

VOROPAY, P.I.; ZHUKOV, G.V.; KAS'YANOV, V.M.

Investigating the efficiency of cooling in feeding water to an air flow compressed by a rotor-gear pump. Mash. i nef. obor. no.10:
21-28 '63. (MIRA 17:4)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im. I.M.Gubkina.

KAS'YANOV, V.P.

Mining 21,00 tons of coal per month per "Donbass" cutter-loader. Ugol' Ukr. 3 no.7:28-29 Jl '59. (MIRA 12:11)

1. Mashinist kombayna shakhty No.3-bis tresta Chistyakovtratait.
(Donets Basin--Coal mines and mining)

PIS'MAN, I.I.; DALIN, M.A.; MAMEDOVA, E.S.; KAS'YANOV, V.V.

Production of α -butylene by the dehydration of n.butyl alcohol
on A-1 aluminum oxide. Report No.1. Azerb.khim.zhur. no.6:67-72
'61. (MIRA 15:5)

(Butene) (Butyl alcohol)

PESYAN, I. S.; RAS'YANOV, V. V.; DALIN, M. A.

Production of α -butylene by dehyuration of n-butyl alcohol on
aluminum oxide. Kin. i kat. 6 no. 4:741-743 Jl-Ag '65. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy tekhnologicheskiy institut
po polucheniyu i pererabotke nizkomolekulyarnykh olefinov.

PIS'MAN, I.I.; DALIN, M.A.; KAS'YANOV, V.V.; MAMEDOVA, E.S.

Preparation of α -butylene by dehydration of n-butyl alcohol
on aluminum oxide A-1. Azerb. khim. zhur. no.3:49-58 '62.
(MIRA 16:12)

KAL'MANSON, V.A.; ZLOTNIKOV, G.G.; KAS'YANOV, V.V.

"Termokopir," a thermocopying machine. NTI no.7:30-32 '63.
(MIRA 16:11)

PIS'MAN, I.I.; KAS'YANOV, V.Y.; DALIN, M.A.; Prinimali uchastiye:
SAMOTAYEVA, O.A.; SALIMOVA, T.M.

Production of *d*-butylene by the dehydration of *n*-butyl
alcohol on aluminum oxide 4-1. Report No. 5: Some problems of
kinetics. Azarb. khim. zhur. no. 5:85-92 '63 (MIRA 17:8)